

Amendments to the Specification:

Please add the following new paragraphs after Paragraph [0019] on page 5:

-- The foregoing objects are basically attained by providing an intraocular lens system for implantation in the eye to modify the lens system of the eye comprising the cornea and the natural or existing artificial lens in the eye, comprising a lens having a high minus portion and an outer portion substantially surrounding the high minus portion and being formed as a plus, minus or toric lens, adapted to be implanted in the eye to create a lens system that functions as a teledioptic lens system which, when used without an external lens, provides unmagnified and peripherally unrestricted vision and which, when used with an external lens, provides magnified and peripherally restricted vision to correct for macular degeneration.

The foregoing objects are basically attained by providing a method for modifying the lens system of the eye comprising the cornea and the natural or existing artificial lens in the eye, the method comprising implanting in the eye a lens having a high minus portion and an outer portion substantially surrounding the high minus portion and being formed as a plus, minus or toric lens, to create a lens system that functions as a teledioptic lens system which, when used without an external lens, provides unmagnified and peripherally unrestricted vision and which, when used with an external lens, provides magnified and peripherally restricted vision to correct for macular degeneration.--

Please replace Paragraph [0038] on pages 6 and 7 with the following rewritten paragraph:

-- [0038] As illustrated in Figs. 3 and 4, the preferred embodiment of the present invention includes a modified or miniaturized telescope 100 for the eye 102. More specifically, in conjunction with a patient's original lens 104 or in conjunction with an IOL, a miniaturized high minus lens 106 is affixed to an interior portion of the eye 102, the high minus lens 106

having an outer perimeter or free edge, as seen in Figs. 3 and 4, with a diameter of about 1 millimeter to about 3 millimeters. Although using a high minus lens 106 is preferred, the lens 106 can be a minus diopter and not necessarily a high minus. The minus lens 106 can be affixed using any method desired, such as haptics 108, adhesive or in any other manner, and can be affixed to the iris 110, the angle, the zonular ligaments, the natural lens 104, or an IOL, or any other suitable portion of the eye 102. Additionally, the minus lens can be affixed in the posterior chamber or the anterior chamber of the eye. --

Please replace Paragraph [0050] on pages 9 and 10 with the following rewritten paragraph:

-- [0050] It is further noted that any lens used and described herein can be made of synthetic material, organic material, or a combination of both synthetic and organic material, that permits all or substantially all light having a wavelength in the visible spectrum to pass through. Additionally, if desired, the lens can be formed of material that absorbs all or substantially all light having a wavelength in a laser light spectrum. For example, the lenses described herein can be made of collagen, copolymer collagen, polyethylene oxide, polypropylene, polyproledine or hydrogel, or cross-linked organic material such as collagen, hyaluronic acid, mucopolysaccharide or glycoprotein, to name a few. Preferably, each lens is porous to allow oxygen and nutrients to pass therethrough. Also, each lens can be made from a donor cornea of a human eye, or can be taken from a cultured cornea. However, the lens ~~blank~~ 18 is not limited to those materials, and can be made of any suitable material, such as those disclosed in U.S. Patent No. 4,994,058 to Raven et al., U.S. Patent No. 4,718,418 to L'Esperance, U.S. Patent No. 5,336,261 to Barrett et al., U.S. Patent No. 4,840,175 to Peyman, and a publication by Jose I.

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Amdt. dated February 27, 2004

Barraquer, M.D. entitled "Keratomileusis and Keratophakia in the Surgical Correction of Aphakia", the disclosures of which are hereby incorporated by reference herein. --